

## ABSTRACT

According to one aspect of the invention, there is provided a method for accessing data in a memory to be performed. The method includes receiving a request to read a file stored in the memory, the memory having a fragmented array of files across a single partition. The method also includes building a look up table (LUT) for the memory. The method also includes storing the LUT in the processor. The method also includes accessing the LUT in the processor to create an index table which specifies a plurality of addresses for the file. The method further includes storing the index table in the memory.